

ABSTRACT

5 A method and ATM switching equipment are provided for
switching over between a working channel and a protection
channel in an ATM network. The physical layer APS (automatic
protection switching) is basically adopted with a simplified
means. The method includes the following process: An indication
is provided in each cell for transmission whether the cell
belongs to a connection currently in a working state via a
10 working channel. Cells are duplicated on each connection basis.
The duplicated cells are transmitted simultaneously onto both
a working channel and a protection channel. Valid cells are
selected from received cells according to the indication in each
cell whether the relevant connection is currently in a working
15 state.